

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01D46/24 B01D46/42

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 735 635 A (ISRAELSON GORDON A ET AL) 5 April 1988 (1988-04-05) column 4, line 40 - line 63; figures 2,7	1-11
A	US 4 960 448 A (ZIEVERS ELIZABETH C) 2 October 1990 (1990-10-02) column 3, line 54 - line 64; figure 1	1-11
A	GB 1 227 457 A (HAMRIN, ALF JOHAN) 7 April 1971 (1971-04-07) page 1, line 58 - line 83; figure 3	1-11
A	GB 1 242 065 A (UK ATOMIC ENERGY AUTHORITY) 11 August 1971 (1971-08-11) page 1, line 73 - line 78; figures 1,2	1-11
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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* & * document member of the same patent family

Date of the actual completion of the international search

4 June 2003

Date of mailing of the international search report

12/06/2003

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INTERNATIONAL SEARCH REPORT

International Application No

PC 03/03229

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 40 08 742 A (KRUPP KOPPERS GMBH) 26 September 1991 (1991-09-26) column 2, line 60 - line 63; figure 1 -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP93/03229

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4735635	A	05-04-1988	EP	0237142 A2	16-09-1987
			JP	62168524 A	24-07-1987
US 4960448	A	02-10-1990	NONE		
GB 1227457	A	07-04-1971	BE	818126 A7	18-11-1974
			SE	12946 C	
GB 1242065	A	11-08-1971	FR	1592023 A	04-05-1970
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